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Poultry Science and Fur-Bearing Animals

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Introduction

There are several new publications, opportunities, and other items of interest in this edition. If you have success stories, publication announcements, etc. you wish to share, send them to me to include in the next newsletter.

Animal Industry Foundation (AIF) Needs Assistance

Data Needed on the Value of Ag Products. Some time ago, either a state or national ag organization published a list of industrial and other non-food applications of agricultural products. The list detailed the little-known contributions and uses of a variety of agricultural byproducts of animal origin to the everyday life of U.S. citizens. Such things as special lubricants from animal fat, and human medicines were listed. If you have a copy of such a document or are aware of where AIF can obtain one, please contact Steve Kopperud at AIF, 1701 North Fort Myer Drive, Suite 1200, Arlington, Virginia 22209, (703) 524-0810. Source: AIF Newsletter, Vol. 1, No. 7, August 28, 1987.

American Egg Board

New Publications. The American Egg Board has new publications that respond to the food handling/Salmonella situation the egg industry is currently facing. The brochures are free to consumers. The information is:

- (1) A scientist speaks about eggs and Salmonellae.
- (2) A scientist speaks about the microbiology of eggs
- (3) An eye-catching, 11" x 15" poster intended for use in food service or other facilities. The title of the poster is "Egg Safety and Quality."

Information about prices of quantity orders is available from The American Egg Board, 1460 Renaissance Drive, Park Ridge, Illinois 60068, (312) 296-7044.

Opportunities

- (1) Oregon. The Department of Poultry Science is seeking to fill the position of Professor and Head of the Department of Poultry Science. This is a 12-month tenure track appointment, with responsibility to provide leadership to the Department in all

its academic functions. The applicant must have the ability to participate in the solicitation of grants and gifts, work closely with the poultry industry, promote interdisciplinary and interstate cooperation in all areas, and have a strong commitment to the recruitment of students, as well as to participate in teaching, research and Extension. The position is open immediately, with a December, 1987 closing date for applications.

For more information regarding the qualifications, salary and other questions, contact: Dr. Harry S. Nakae, Chairman, Selection and Screening Committee, Department of Poultry Science, Oregon State University, Corvallis, Oregon 97331-3402, (503) 754-2301.

- (2) Ohio. A Post-doctoral Researcher position is available October 1, 1987, with the Department of Poultry Science at Ohio State University. The closing date for application is September 15, 1987 or until the position is filled. Applicants must have a Ph.D. degree in poultry or the animal sciences with research orientation and experience in microbiology. The salary for the one to two year appointment is \$21,000 - \$25,000. The successful applicant will design and conduct microbial investigations on the aerobic fermentation of poultry manure, and related studies. For more information, or to apply, contact Dr. Gerald B. Havenstein, Chairman, Department of Poultry Science, The Ohio State University, 674 West Lane Avenue, Columbus, Ohio 43210, (614) 292-4821.
- (3) Connecticut. The Department of Animal Science has announced the opening of a veterinarian position as Animal Management and Health Care Supervisor. The closing date is October 1, 1987, or until the position is filled, and an availability date of February 1, 1988. The position is for 12-months, is non-tenure track, and includes responsibilities for beef cattle, sheep and swine, but supervision of horses, dairy cattle and poultry is also required. For more information, contact: Dr. Lowell M. Schake, Head, Department of Animal Science, Box U-40, Room 108, The University of Connecticut, Storrs, Connecticut 06268, (203) 486-2413.
- (4) Connecticut. The University of Connecticut is engaged in a nation-wide search to fill the position of Dean of the College of Agriculture and Natural Resources. The Dean reports to the Vice President for Academic Affairs, and has responsibility for functions at the college, the Storrs Agricultural Experiment Station, the Cooperative Extension Service, and the two-year Ratcliffe Hicks School of Agriculture. Review of applications will begin on November 1, 1987.

For more information, or to nominate someone for this position, contact: Dean, College of Agriculture and Natural Resources, Search Committee, Office of the Vice President for Academic Affairs, Gulley Hall, Box U-86, University of Connecticut, Storrs, Connecticut 06268, (203) 486-4039.

- (5) International Livestock Centre for Africa (ILCA). The ILCA, with headquarters in Addis Ababa, Ethiopia is searching for an Agricultural Educator who will be responsible for evaluating and improving the pertinence and quality of all group and individual training at ILCA. The ILCA has research activities in 14 sub-Saharan African Countries. Qualifications are: an advanced degree in agricultural education, preferably a Ph.D.; experience in international training programs, communication skills in both English and French. The deadline for applications is September 30, 1987. For more information, contact Carol (Hammaker) Radomski, USDA/ES, Room 332-A Administration Building, Washington, D.C., (202) 447-3801. To apply, or for more information, contact Personnel Manager, ILCA, P.O. Box 5689, Addis Ababa, Ethiopia.
- (6) West Virginia. The Division of Animal and Veterinary Sciences has announced the opening of an Assistant Professor position in Poultry Science. The appointment is a 9-month, 50 percent teaching and 50 percent research, tenure track position, with summer funding for three years assured to establish a research program. They require a Ph.D. degree in Poultry Science or related area with a strong background in production and management. The successful applicant will be expected to conduct research that augments current programs in nutrition or physiology, seek grant support, teach graduate and undergraduate courses, and have related duties. The closing date for applications is November 15, 1987 or until a suitable candidate is found. For more information, contact Dr. Charles W. Foley, Chairman, Division of Animal and Veterinary Sciences, P.O. Box 6108, West Virginia University, Morgantown, West Virginia 26506-6108. (304) 293-2231.

Opportunity to
Work With Rabbits

Rabbit Resource List. At the Poultry Science Association Annual Meeting, an informal meeting was held to discuss what needed to be done for the rabbit industry. The decision was made to not produce a Rabbit Management Handbook, but to produce a Rabbit Resource List. If you want to participate on this project, please let me know as soon as possible because the committee is in the process of making assignments and deciding on the content of this new Rabbit Resource List.

Federal Register

- (1) Determination of "Added Water" in Cooked Sausages. In a proposed rule, the Food Safety and Inspection Service (FSIS) is proposing to amend the federal meat inspection regulations to define the method by which the Agency determines the amount of "added water" in cooked sausages. Added water means any water not directly attributable to the meat ingredients. The current maximum limit of added water in these products is 10 percent of the product weight.

They are attempting to calculate the added water based on only the meat protein. By including non-meat protein in the calculations, cooked sausages have contained upward of 30 percent added water in the finished product. FSIS considers the current substitution of non-meat protein and water for "meat" ingredients in some cooked sausages to be not in keeping with both the letter and spirit of the Federal Meat Inspection Act and regulations. FSIS is therefore proposing to amend the regulations to correct this discrepancy by subtracting out the non-meat protein from the total protein in the calculation of "added water". Comments must be received by October 19, 1987. Address written comments to: Policy Office, Attn: Linda Carey, FSIS Hearing Clerk, Room 3168, South Agriculture Building, FSIS, USDA, Washington, D.C. 20250. For further information, contact: Margaret O'K. Glavin, Director, Standards and Labeling Division, Meat and Poultry Inspection Technical Services, FSIS, USDA, Washington, D.C. 20250, (202) 447-6042. Source: Federal Register, Vol. 52, No. 159, Tuesday, August 18, 1987.

- (2) Reservation of Quarantine Space. In a proposed rule, the Animal and Plant Health Inspection Service (APHIS) described their intent to amend regulations for reserving space in quarantine facilities maintained by Veterinary Services (VS). APHIS will require advance payment in full for all estimated quarantine related expenses for birds, pigeons, and poultry. The reason for this action is that importers have frequently defaulted on payments owed to VS for these quarantined birds. The basis of the default in payment was the importers disclaiming responsibility for birds seized by Federal agencies upon the birds released from quarantine. The Federal Government must absorb these quarantine costs that are not paid. Comments must be postmarked on or before October 13, 1987, and should be sent to: Steven B. Farbman, Assistant Director, Regulatory Coordination, APHIS, USDA, Room 728, Federal Building, 6505 Belcrest Road, Hyattsville, Maryland 20782. Refer to Docket Number 86-088. Comments will be available for public inspection. For further information, contact: Dr. Harvey A. Kryder, Senior Staff Veterinarian,

Import-Export and Emergency Planning Staff, APHIS, USDA, Room 806, Federal Building 6506 Belcrest Road, Hyattsville, Maryland 20782, (301) 436-8695.

Source: Federal Register, Vol. 52, No. 157, Friday, August 14, 1987, pages 30372-30373.

Animal Welfare
Information
Center (AWIC)

The Animal Welfare Information Center is part of the National Agricultural Library (NAL), which is located in Beltsville, Maryland. The Center was established in December 1986 as mandated by amendments to the Animal Welfare Act. It is the focal point for those interested in obtaining information or publications covering many aspects of animal welfare.

The Animal Welfare Information Center staff concentrates its efforts on acquiring books, periodicals, reports, audiovisuals, training materials, and other material related to animal welfare which enrich NAL's already extensive resources.

The Center serves many types of users. For example, it can help:

- A lab technician identify a training course on humane handling techniques for rabbits.
- An animal care committee identify database management systems for monitoring laboratory animal care and use.
- An administrator establish training courses for institutional laboratory animal personnel.
- A researcher formulate a comprehensive literature search on the application of tissue culture as an alternative to the use of live animals.

The staff can assist you in finding answers to specific questions or in beginning a more extensive research program. It will also:

- Assist you in accessing NAL's extensive collections on a broad range of animal-welfare-related subjects.
- Refer you to organizations or experts in the field who can provide you with additional information.
- Identify current research conducted by USDA and other research agencies.
- Furnish you with bibliographies on topics such as stress, analgesia, or animal testing alternatives or with user guides such as resource directories of databases and audiovisual training materials or a list of current journals relevant to animal welfare.
- Perform brief complimentary searches of the AGRICOLA database on specific topics of your choice, or exhaustive searches on a cost recovery basis.
- Assist you formulating your own AGRICOLA searches if you have access to a computer terminal.

- Make available a traveling tabletop exhibit and handouts for meetings.

For more information about the Animal Welfare Information Center, Write or telephone: Animal Welfare Information Center, National Agricultural Library, Room 304, Beltsville, MD 20705, (301) 344-3704.

Meetings

- (1) AFIA Computer Workshop and Trade Show. The Annual Feed Industries Association has announced their program will be held October 27-28, 1987, immediately following the Midwest Convention (October 25-26). There will also be a Computer Trade Show held in conjunction with the computer workshop. Items of interest at the meetings include: discussion topics such as Using Computers for Strategic and Competitive Advantage; workshops on Office Automation, Process Control, Marketing and Management, and Local Area Networking, while the convention will have speakers address such issues as The Future of Agriculture, and the red versus white meat issue. For more information, contact: Computer Workshop and Trade Show, AFIA, 1201 N. Fort Myer Drive, Arlington, VA 22209, (703) 524-0810.
- (2) 1987 Poultry Health Seminar. The Southeastern Poultry and Egg Association has put together another outstanding lineup for this workshop. Topics to be discussed include:
 - Management Principles: Impact on Poultry Health
 - Cryptosporidiosis: An Update
 - Feed Withdrawal: Effect on Poultry Health
 - Microbiological Quality: Impact on Live Production
 - Disease Management on Multi-Age Farms
 - Elisa Test Results: What Do They Mean?

The Seminar will be held September 14-15 at the Radisson Hotel in Atlanta, Georgia. For more information, or to register, contact: Southeastern Poultry and Egg Association, 1456 Church Street, Decatur, Georgia 30030, (404) 377-6465, Telex 990912 SEPEA DEC UD.

- (3) Hatchery-Breeder Workshop. The Pacific Poultry and Egg Association (PEPA) and Cooperative Extension at the University of California have announced that this year's workshop will be held on September 22-24. They have an excellent program, which includes presentations on chickens, turkeys, and gamebirds. Topic areas include: Back to Basics; Egg Care, Storage, and Sanitation; Video on Bacterial Monitoring in Hatcheries; Hatchery Waste Disposal; Safe use of Chemicals, and Managing Breeders in Light Controlled Housing. And they will also have laboratory sessions. For more information, or to register, contact PEPA, 1620 North Carpenter Road, Suite A-4, Modesto, California 95351, (209) 524-9666.

- (4) The Ninth International Congress of the World Veterinary Poultry Association. This conference will be held in Brighton, England, on August 13-17, 1989, at the Brighton Conference Center. Like the WPSA meeting, it takes a long time to properly prepare for this meeting, so the information is presented now. The provisional program includes topics on Poultry Medicine: (All sources of poultry diseases for all species; epidemiology; control of disease by management; hygiene and eradication; drugs and antibiotics, diagnostic techniques; diseases of public health significance; and poultry meat hygiene), and a special seminar on coccidiosis. For more information contact: Organizing Committee Chairman: Mr. D. L. Haxby, MRCVS, Candant House, Upton, Newark, Notts, NG23 5ST. England, Telephone: 0636-812133.
- (5) The states of Minnesota, Ohio and Virginia jointly sponsor an annual Turkey Days Program. This year's meeting will be held on November 5th and 6th at the Holiday Inn, St. Paul North, 2540 Cleveland Ave., Roseville, Minnesota. If you would like information on, or registration materials for this meeting, please contact Dr. Sally Noll, Dept. of Animal Science, 203 Peter's Hall, 1404 Gortner Ave., St. Paul, Minnesota 55108, (612) 373-0895.

Congratulations!

Lionel Barton of Arkansas was awarded the Pfizer Extension Award, at the Poultry Science Association, Annual Meeting, held in Corvallis, Oregon. The award of \$1,500 and a plaque is given to an individual having an outstanding program of work in the area of poultry Extension. Lionel was chosen from a field of candidates also having exceptional programs, so those individuals that were not selected are encouraged to have their documentation submitted again next year. Congratulation's on receiving this honor, and the success of your programs.

**Material
Available**

- (1) I have a supply of the following publications, and will send you as many as you need, on a first-come-first-served basis. Please share this list with your colleagues and graduate students.
- (a) Antibiotics in Animal and Poultry Feeds--A Critical Review of Research; Agricultural Research Service, USDA; 1972.
 - (b) Alternate Nitrogen Sources for Ruminants. Proceedings from a Conference held in 1977.
 - (c) Loading Live Poultry. A Time and Motion Study of Loading Broiler Chickens by Hand, Forklift Truck, and Squeegee-Lift Truck; Agricultural Research Service, USDA; 1981.

- (d) A Modular Shell Egg Grading and Packaging Plant; Agricultural Research Service, USDA, Marketing Research Report No. 1050; 1976.
 - (e) Use of Highly Inbred Chickens in Research; Agricultural Research Service, USDA, Technical Bulletin No. 1514; 1975.
 - (f) The Differential Diagnosis of Lymphoid Leukosis and Merek's Disease. Agricultural Research Service, USDA, Technical Bulletin No. 1412; 1970.
- (2) Guide to... Parasites of the House Fly... The Guide to Common Species of Pupal Parasites (Hymenoptera: Pteromalidae) of the House Fly and other Muscoid Flies Associated with Poultry and Livestock Manure, by L. M. Rueda and R. C. Axtell, Department of Entomology, North Carolina State University is now available. A key, illustrated with scanning electron microscope (SEM) photomicrographs, to the adults of ten common species of pteromalid (Hymenoptera: Chalcidoidea: Pteromalidae) parasites of the house fly, *Musca domestica* L. and other muscoid fly pupae is presented. For each species, there is a description illustrated with SEM photomicrographs, and information on biology, distribution and hosts. A list of 306 annotated references is provided.
- Order from: Agricultural Communication, NCSU, Box 7603, Raleigh, NC 27695-7603. Make checks payable to North Carolina State University. Payment of \$4.00 (U.S.) per copy must accompany your order.
- (3) Publications Catalog of the ASA, CSSA, and SSSA. Several publications discuss topics of interest in waste management that you may find useful in addressing the needs of the poultry industries, and working in the area of water quality. Water quality is one of the National Initiatives, defined by the Extension Service Committee on Organization and Policy (ECOP) as being critical, and to be given special emphasis in Extension Programs. You may obtain more information and a catalogue by writing ASA, CSSA, SSA, 677 South Segoe Road, Madison, Wisconsin, 53711-1086, (608) 273-8080.
- (4) The Integrated Poultry Industry. Lionel Barton has authored this eight page publication which discusses the structure of the Broiler Industry and gives a cost breakdown of the various segments of a vertically integrated company. To obtain a copy, contact Lionel, as listed in your directory.
- (5) Poultry Science Resource List. This recently completed listing of university personnel was requested by the PSA department chairman. The List has been sent to all department chairs for distribution to their faculty, and to commodity and service groups in the U.S. If you need more copies for distribution to your industry, call or write me.

- (6) Rabbit Production for Food and Fur, 1979 - March 1987. This quick Bibliography, which has 173 citations, has been published by Jenny Rafais at the National Agricultural Library. To obtain a copy, write or call Jerry at: Reference Branch, USDA/NAL 10301 Baltimore Boulevard, Beltsville, Maryland 20705, (301) 344-3704.
- (7) Game Bird Propagation, The Wildlife Harvest System. This very informative book on the various aspects of gamebird production for reserves or the meat markets, by John Mullin, has recently been updated. The cost is \$19.95, and has 206 pages. For more information, contact John Mullin, Route 1, Box 96, Goose Lake, Iowa 52750, (319) 577-2267.
- (8) 2,000 Titles in New Videotape Database on Dialcom. In response to the need of a central clearing house to collect all of the videotape titles and make them accessible, the Extension System now has 2,200 titles listed in a DIALCOM database. ES-USDA Information provided special funding to initiate the project. Extension workers nationwide can use a keyword search to locate videotapes from the collection on DIALCOM. Some of the videotapes have a short abstract, but mainly they give the title, the contact person, and if for sale or rent and the price.

Here are the steps in accessing the DIALCOM videotape database:

- (a) A DIALCOM log-on procedure is needed.
- (b) Once on DIALCOM, access the MENU.
- (c) When asked to enter a service code, enter VIDEO.
- (d) You will then be asked to enter a keyword search term.
- (e) Following that, the system will tell you how many videotapes are related to keyword you provided.
- (f) You can "SCAN" the titles, or "READ" the description, availability and contact information.

If you have questions, or know of videotapes not in the inventory which should be, contact Chuck Kramer on AGS002 or (202) 447-8155.

- (9) Economic Research Service (ERS) Financial Reports. The various statistical and financial reports published by the ERS are being sent to personnel in Extension with a direct need for them. If you want to review or possibly share these publications, check with your Extension Economics or Marketing personnel.
- (10) Drinking Water Quality for Poultry. North Carolina has recently published this four page Guide on water quality by Tom Carter and Ron Sneed. It discusses interpreting bacteria test results, causes of high bacteria counts, drinking water quality

guidelines, and other aspects of water quality. To obtain a copy, or for more information, contact Tom Carter, as listed in your directory.

Idea

Regional NPIP Listing. Glenn Carpenter has published "A Listing of Participants in the 1986 National Poultry Improvement Plan as Handlers of Waterfowl, Exhibition Poultry, and Game Birds for West Virginia and its Surrounding States." The document was prepared as an aid to county agents, small flock owners, hobbyists, and vo-ag instructors, who often have need of information on where a specific breed or variety of fowl can be obtained. This listing has taken the confusion out of using the NPIP directory that some individuals may experience, because it gives names and addresses of exhibition and waterfowl producers, and the particular breeds and varieties produced for West Virginia and its surrounding states, without having to look up code words.

Rooms Available
at the 4-H Center

A family that has stayed at the National 4-H Center has reminded me that I should again inform you that rooms are available at the National 4-H Center for 4-H families or those that work with 4-H, when you visit Washington. the accommodations and the price are very reasonable. For more information, write or call: Reservations, National 4-H Council, 7100 Connecticut Avenue, Chevy Chase, Maryland 20815, (301) 656-9000.

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